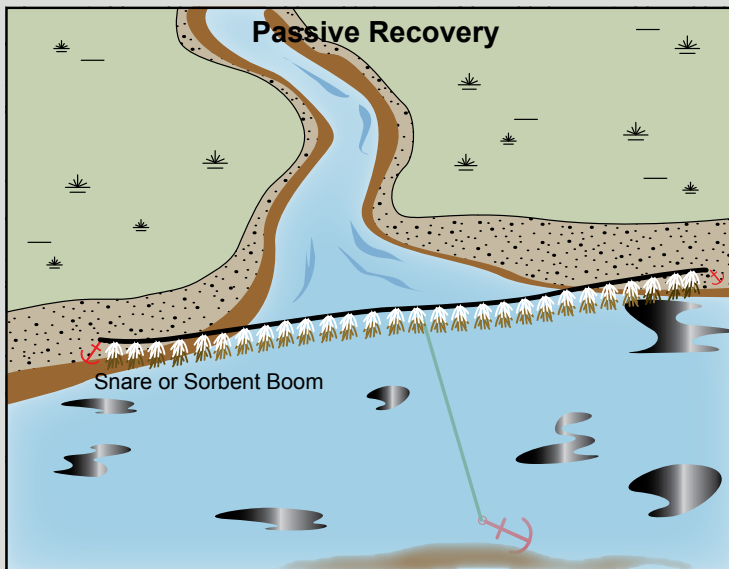


An example of the *Deflection Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

FO-S

Free-oil Recovery

PR

Passive Recovery

DF

Deflection Booming

Protected-water Boom

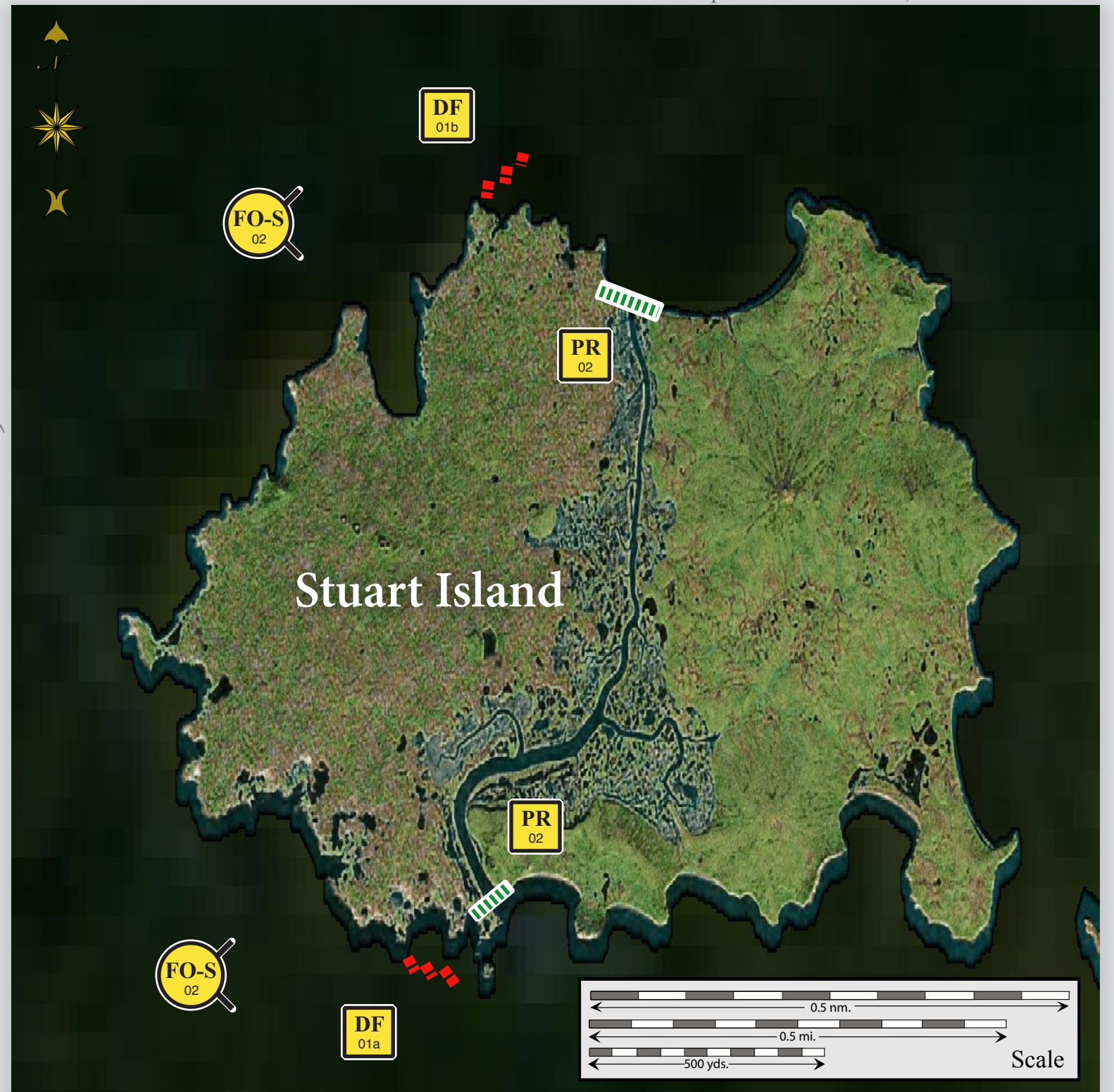
Snare or Sorbent Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone

Stuart Island, NWA-S53

Center of map at 63° 34.38' N Lat., 162° 28.14' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-53-01 <div>DF</div>	Stuart Island a. Lat. 63° 32.14 N Lon. 162°36.13 W b. Lat. 63° 38.09 N Lon. 162°34.19 W	Deflection Deflect oil coming towards Stuart Island into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6). Position in a cascaded fashion 3 x 600 ft. of protected-water boom at a proper angle to deflect oil from impacting Stuart Island. Tend throughout the tide.	Deployment Equipment 1800 ft. protected-water boom 9 ea. anchor systems Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew 2 ea. response techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew 1 ea. response techs	Vessel Platform	Via marine waters Chart 16240	Fish- inter-tidal herring spawning Birds- waterfowl concentration, seabird nesting, Critical Habitat Marine mammals- Habitat- exposed rocky shore Human Use: Commercial Fishing, subsistence	Vessel master should have local knowledge. Site surveyed: Not surveyed. Tested: not yet
S-53-02 <div>PR</div>	Stuart Island a. Lat. 63° 32.42 N Lon. 162°33.31 W b. Lat. 63° 37.22 N Lon. 162°30.27 W	Passive Recovery Deploy passive recovery across the channels of the streams on Stuart Island.	Place and anchor snare line or sorbent boom across the channels on Stuart Island. Replace as necessary to maximize the recovery. <u>Boom Lengths:</u> a. 1000 ft. b. 1000 ft.	Deployment Equipment 2000 ft. snare line or sorbent boom 8 ea. anchor systems 20 ea. anchor stakes Vessels/Personnel/Shift Same as S-53-01 Tending Vessels/Personnel/Shift Same as S-53-01	Vessel platform	Via marine waters Chart 16240	Same as S-53-01	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations.
S-53-03 <div>FO-S</div>	Stuart Island Nearshore waters in the general area of: Lat. 63° 31.58 N Lon. 162°40.15 W Lat. 63° 37.42 N Lon. 162°38.39 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment around Stuart Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Stuart Island. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel Platform	Via marine waters Chart 16240	Same as S-53-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.